ABSTRACT:

A device for multiple row addressing is driven with pulse patterns based on sets of 8 (or more) orthogonal functions which have a less varying frequency content than pulse patterns based on a set of 8 Walsh functions. Mutually orthogonal signals are obtained from at least two types of the orthogonal functions having four elementary units of time. Within the four elementary units of time, one pulse each unit of time has a polarity which is different from the plurality of the other pulses.